

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 December 2004 (16.12.2004)

PCT

(10) International Publication Number
WO 2004/108247 A1

(51) International Patent Classification⁷: **B01D 24/30**,
24/46

(21) International Application Number:
PCT/NL2004/000415

(22) International Filing Date: 11 June 2004 (11.06.2004)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:
1023641 11 June 2003 (11.06.2003) NL

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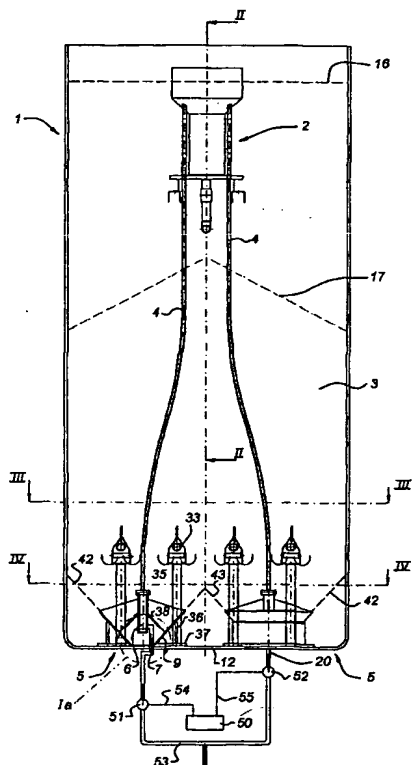
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,

[Continued on next page]

(54) Title: **LIQUID PURIFICATION INSTALLATION**



(57) Abstract: The invention relates a purification installation for purifying a liquid. The purification installation comprises: a reactor vessel containing a bed of a granular medium; a medium mass; and at least one gas lift system; the at least one gas lift system comprises a riser with a suction inlet located in the bed and a blow outlet, at a higher position, opening into the medium mass, as well as gas feed means for generating a gas lift in the riser that draws in medium, liquid and gas at the suction inlet and feeds these upwards through the riser to the medium washer. The medium washer has a medium outlet for returning washed medium to the bed. The purification installation has a multiplicity of gas lift systems, the respective blow outlets of which emerge in the medium washer. The medium washer can be provided centrally with respect to the gas lift systems and/or with respect to the reactor vessel.

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PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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